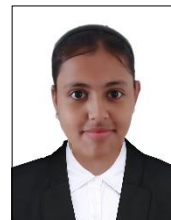


SUDIPTA SANYAL

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PROFILE SUMMARY

Aspiring Software Engineer with hands-on experience in Java, Python, and C. Skilled in building scalable applications, managing projects, and analyzing data to drive impactful solutions. Strong collaborator with effective communication and a keen interest in emerging technologies.

EXPERIENCE

Intern | Euphoria GenX | 28th November 2024 – 25th February 2025

- Completed the Skill Development & Internship Programme focused on using machine learning techniques
- Worked on the Credit Card Fraud Detection Project based on real-time datasets

Industrial Trainee | Euphoria GenX | 28th November 2024 – 25th February 2025

- Successfully completed the Industrial Training Programme on Artificial Intelligence & Machine Learning
- Gained hands-on experience in supervised and unsupervised learning, model deployment, and the use of libraries such as NumPy, Pandas, and scikit-learn

Treasurer of Tech-Club | Future Institute of Technology | March 2025 - Present

- Managed budgeting and expense tracking for club events and workshops
- Collaborated with the club president and team to organize hackathons, technical quizzes, and speaker sessions

PROJECTS

Credit Card Fraud Detection | Industrial Training Project

[GitHub](#)

- Designed a machine learning model to detect fraudulent credit card transactions using K-Nearest Neighbor (KNN), handling class imbalance and optimizing performance through feature scaling and evaluation metrics

Java GUI Calculator | Personal Project

[GitHub](#)

- Developed a desktop calculator using Java Swing with a clean UI and rounded, color-coded buttons
- Implemented basic arithmetic operations with proper input validation and error handling

TECHNICAL SKILLS

- Programming Languages:** Java, React, C, Python, HTML, CSS
- Data Analysis & AI Tools:** Pandas, NumPy, Matplotlib, Seaborn, scikit-learn
- Concepts:** Machine Learning, Supervised/Unsupervised Learning, Classification Models, Data Preprocessing
- Soft Skills:** Teamwork, Leadership, Communication, Problem Solving, Financial Planning

EDUCATION

Bachelor of Technology in Computer Science & Engineering

Future Institute of Technology, Kolkata, West Bengal
(Expected Graduation: July 2026)

Indian School Certificate (ISC) in Science

Shaw Public School, Kolkata, West Bengal
(Year of Passing: 2022)

EXTRACURRICULAR ACTIVITIES

- Organizer of the Annual College Tech Fest
- Hackathon and Coding Challenge Participant
- Member of Students' Chapter under The Institution of Engineers (India)